

Ankush Singh

Assistant Engineer

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To seek and maintain full-time position that offers professional challenges utilizing interpersonal skills, excellent time management and problem-solving skills.



Work History

- 2019-07 - **Assistant Engineer**
2022-11
Maithon Power Limited, Dhanbad, Jharkhand
Worked in department of turbine and generator and engaged in maintenance of all mechanical machinery.
- 2018-05 - **Summer Intern**
2018-06
NTPC Ltd, Hazaribagh, Jharkhand
Studied about erection of conveyor belt for coal transportation.
- 2017-07 - **Summer Intern**
2017-08
HAL, Bangalore
Worked on landing gear hydraulic system and recommended ideas for rectification of elevon brackets for smooth operation along with its design.



Education

- 2015-06 - **B.TECH**
2019-06
KIIT UNIVERSITY - Bhubaneswar
· CGPA: 7.59/10
· Course: Mechanical Engineering
- 2013-06 - **SENIOR SECONDARY**
2014-05
KENDRIYA VIDYALAYA - SULUR
· Aggregate: 63.3%
· Subjects: Physics, Chemistry, Mathematics, Computer Science, English

Secondary

2011-06 - KENDRIYA VIDYALAYA NO.2 - Ambala Cantt.
2012-05 · CGPA: 8.4/10
· Subjects: Science, Mathematics, Social Science, English, Hindi



Projects

SAE AERO DESIGN CHALLENGE | 2018

- Team Captain, KIIT Udaan
- The member manufacturing division of the team.
- Manufactured low drag wing for our RC fixed-wing plane.
- Overall ranking 16th in all over India

HINDUSTAN AERONAUTICS LIMITED (TEJAS DIVISION) | 2017

- Designed the elevon bracket.
- Studied and suggested the new type of hydraulic break in Tejas aircraft main landing gear.

SAE AERO DESIGN CHALLENGE | 2017

- Team Member, Udaan
- The member manufacturing division of the team.
- Manufactured low drag wing for our RC fixed-wing plane.
- Got best design award
- Overall ranking 5th in all over India

RESTORATION PROJECT FOR A IC ENGINE PLANE | 2017

- Team member of a group of 10, aimed at restoring the 2014 Regular class RC fixed-wing.
- Resolved all the issues associated.

RC Delta Wing Mirage 2000 | 2017

- Team captain of delta wing project.
- Head of manufacturing division of the team.

Boeing Aero modeling Challenge (IIT BOMBAY) | 2016

- Team Captain · Head of manufacturing division of the team.
- Designed wing and tail of the micro class plane with a pretty good gliding ratio



Software

Microsoft Office

Python

Solidworks

CATIA



Skills

Confident, Determined, and Responsible

Strong work ethics

Technical presentations

Engineering plan preparation

Excellent problem-solving skills

Researching knowledge



Declaration

I hereby declare that all the above information is accurate to the best of my knowledge.

Ankush Singh

Date: 2/4/2023

Place: Bengaluru